

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of:

First Named Inventor: TERANO, Akihisa

Art Unit:

U.S. Appln. No. 10/589,758

Examiner:

Intl. Appln. No.: PCT/JP04/11219

Confirmation No. 9497

Intl. Filing Date: July 29, 2004

For: CAPACITANCE TYPE MEMS DEVICE, MANUFACTURING METHOD  
THEREOF, AND HIGH FREQUENCY DEVICE

\* \* \*

RESPONSE TO NOTIFICATION OF MISSING  
REQUIREMENTS UNDER 35 U.S.C. § 371

Mail Stop PCT, DO/EO/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements mailed on April 9, 2007,  
submitted herewith are the following items:

- ☒ Copy of Notification of Missing Requirements
- ☒ Executed Declaration in compliance with 37 CFR §§ 1.497(a) and (b)
- ☒ Assignment with Recordation Form Cover Sheet
- ☐ Application Data Sheet
- ☒ Check in the amount of \$ 170.00 for fees
- ☐ Other: Copy of Notification Concerning Transmittal of Copy  
of International Preliminary Report on Patentability

The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 (XA-10625) any fees that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby requested.

Respectfully submitted,

Date: 6/11/07

By: Melvin H. Shapiro Reg. 17,095  
for Mitchell W. Shapiro  
 Mitchell W. Shapiro  
 Reg. No. 31,568

Miles & Stockbridge, P.C.  
 1751 Pinnacle Drive  
 Suite 500  
 McLean, Virginia 22102-3833  
 703-610-8652



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
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 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/589,758	Akihisa Terano	XA-10625

INTERNATIONAL APPLICATION NO.	
PCT/JP04/11219	
I.A. FILING DATE	PRIORITY DATE
07/29/2004	

181  
 MILES & STOCKBRIDGE PC  
 1751 PINNACLE DRIVE  
 SUITE 500  
 MCLEAN, VA 22102-3833

**RECEIVED**

APR 10 2007

MILES & STOCKBRIDGE P.C.  
 TYSONS CORNER

CONFIRMATION NO. 9497

371 FORMALITIES LETTER



\*OC000000023291943\*

Date Mailed: 04/09/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/17/2006
- Copy of the International Search Report filed on 08/17/2006
- Preliminary Amendments filed on 08/17/2006
- Information Disclosure Statements filed on 08/17/2006
- U.S. Basic National Fees filed on 08/17/2006
- Specification filed on 08/17/2006
- Claims filed on 08/17/2006
- Abstracts filed on 08/17/2006
- Drawings filed on 08/17/2006

**DOCKETED**  
 BY Sea ON 4-10-2007  
 BY AD ON 4-11  
**DUE DATE** 6-9-2007  
**CALL UP** \_\_\_\_\_

n/c

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/589,758	PCT/JP04/11219	XA-10625